

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-014281**Date Inspected:** 10-May-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	Orthotropic Box Girder(OBG)				

Summary of Items Observed:

On this day CALTRANS OSM Quality Assurance Inspector (QA) Manoj Prabhune was present during the times noted above for observations relative to the fabrication of the Self Anchored Suspension (SAS) Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island, in Shanghai, China. QA observed and/or found the following:

OBG # TRIAL ASSEMBLY YARD

Notification No: 005699 (SEG 7BE).

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector has generated MT report for this date. The member(s) are identified as OBG components. The weld designations reviewed are as follows:

1. FB014-001-050, 051, 052
2. SSD18-PP52-083, 084, 085, 086

Notification No: 005703 (SEG 8AE).

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector has generated MT report for this date. The member(s) are identified as OBG components. The weld designations reviewed are as

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

follows:

1. SEG014B-001, 011, 013, 010
2. SEG014C-008, 041, 043, 045

Notification No: 005698 (SEG 8AE to 8CE).

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector has generated MT report for this date. The member(s) are identified as OBG components. The weld designations reviewed are as follows:

1. SEG044D-007, 008, 011, 012, 013, 014, 064, 065, 066, 067, 080, 081
2. CA048-061, 062, 063, 064, 065, 066, 049, 050, 051, 052, 054
3. SEG044E-007, 008, 011, 012, 013, 014, 030, 031, 034, 035, 036, 037
4. CA052-073, 074, 075, 076, 077, 078, 085, 086, 087, 088, 089, 090
5. CA051-049, 050, 051, 052, 053, 054, 061, 062, 063, 064, 065, 066
6. CA052-025, 026, 027, 028, 029, 030, 037, 038, 039, 040, 041, 042
7. CA054-049, 050, 051, 052, 053, 054, 061, 062, 063, 064, 065, 066
8. SEG048J-007, 008, 011, 012, 013, 014, 030, 031, 034, 035, 036, 037

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang; phone: 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Prabhune,Manoj	Quality Assurance Inspector
Reviewed By:	Patterson,Rodney	QA Reviewer
